

## Agriculture, Bachelor of Science

This degree program is in applied science and business, with a strong background in the biological, physical, social and applied agricultural sciences. Students choose a major of: Agricultural and Resource Economics, Animal Science, Crop and Horticultural Science, Range and Pasture Management or Sustainable Agricultural Systems.

Agricultural Studies is the examination of agriculture from a theoretical and applied perspective. After graduating from this program, graduates will have a solid understanding of the social, economic, political, and environmental conditions that affect the agricultural sector.

### What you can be with your Agriculture, Bachelor of Science Degree:

Researcher	Laboratory Technician #2211	Integrated Pest Management	Nursery Manager #8254	Feed Store Specialist
Agrologist #2123	Horticultural Supplier Company	Owner/Operator Rancher #8251	Reforestation Grower	Food Inspector #2222
Greenhouse Owner/Operator #8254	Vegetable Farm Owner #8431	Landscape Technician #2225	Herdsmen #8431	Retail Management
Ornamental Plant Grower	Produce Manager #8431	Horse Trainer	Seed Trail Manager	Artificial Insemination Specialist
Forestry Researcher #2223	Dairy Farmer #8251	City/Municipal Parks Department #2224	Crop Consultant	Agri-Food Health Division
Foreign Insect Pest Control #7444	Entomological Researcher	Training Stables Owner/Operator	Agricultural Chemist #2121	Agricultural Engineer #2123
Biomedical Engineer #2148	Wildlife Biologist #2121	Conservation Officer #2224	Ecologist #2121	Physiologist #2121
Clinical Research Associate #4165	Forensic Laboratory Technologist #2221	Forester #2122	Fisheries Technologist #2221	Environmental Engineer #2131
Marine Biologist #2121	Medical Laboratory Technician #3212	Health Officers Supervisors #2263	Fisheries Analyst #4161	Plant Anatomist #2121
Organic Chemist #2121	Parks and Wildlife Naturalist #2121	Toxicologist #2121	Veterinarian #3114	Food Production Technologist
Horticulturalist #2225	Zoologist #2121	Agronomist #2123	Animal Nutritionist #2121	Botanist #2121

This career/job listing is only a sample of the possible career options; these are certainly not the only career/job options accessible with this degree/diploma. Some of the careers listed require further education. For career information, enter the four-digit number listed below in the Alberta Learning Information Services Website ([www.alis.alberta.ca](http://www.alis.alberta.ca)) or the National Occupational Classification Website (<http://www5.hrsdc.gc.ca/NOC>)

RDC Career Services can help you explore your interests, identify your goals, discuss your career options and job search strategies and discover how to make the most of your education. Email or give us a call to connect with a career counsellor.

**RDC Information: Agriculture, Bachelor of Science:** <https://rdc.ab.ca/programs/sciences/bachelor-science-agriculture>

**Potential employers:**

Government	Educational Institutions	Retail Organizations	Advertising Agency
Entrepreneurs	Agricultural Centres	Marketing	Research Centres
Farm Workers/Technicians	Grain/Crop Producers	Livestock/Poultry Producers	Health Industries
Greenhouses	Supermarkets	Forestry Companies	Laboratories
Manufacturing Firms	Conservation Agencies	Environmental Consulting Companies	

**Major Skills Obtained:**

- Organize and maintain accurate records
- Enthusiasm for exploring
- Information handling & organization
- Curiosity & creativity
- Numerical computation
- Analytical & quantitative abilities
- Strong interest in organisms
- Cellular structures, organ systems, whole organisms & the process involved in their interrelated functioning
- Thorough knowledge of basic biological theories and practices
- Desire for precision
- Diligence
- Independent worker
- Statistical awareness
- Oral & written communication
- Innovative talents
- Biology theory and practical knowledge
- Operate scientific equipment
- Proficient in critical speaking

**Professional associations and sites of interest**

Agricultural Employment Alberta Ltd. - [www.agriemployalberta.com](http://www.agriemployalberta.com)

Alberta Association of Agricultural Societies - [www.albertaagsocieties.ca](http://www.albertaagsocieties.ca)

Association of Alberta Agriculture Fieldmen – [www.aaaf.ab.ca](http://www.aaaf.ab.ca)

The Alberta Agricultural Economics Association – [www.aaea.ab.ca](http://www.aaea.ab.ca)

Agricultural Research and Extension Council of Alberta - [www.areca.ab.ca](http://www.areca.ab.ca)

Agriculture Institute of Canada - [www.aic.ca/outreach/careers.html](http://www.aic.ca/outreach/careers.html)

Farms.com - [www.farms.com/Careers](http://www.farms.com/Careers)

Agricultural Recruitment - [www.aqcall.com](http://www.aqcall.com)

Western Producer Classifieds - [www.producer.com/classifieds/sections/aqcareers/html](http://www.producer.com/classifieds/sections/aqcareers/html)

Canadian Food Inspection Agency - [www.inspection.gc.ca](http://www.inspection.gc.ca)

Agriculture and Agri- Food Online - [www.agr.gc.ca](http://www.agr.gc.ca)

Canadian Society of Microbiologists - [www.csm-scm.org](http://www.csm-scm.org)

Canadian Botanical Association - [www.cba-abc.ca](http://www.cba-abc.ca)

Ordre des agronomes du Québec - [www.oaq.qc.ca](http://www.oaq.qc.ca)

Agriculture Institute of Canada - [www.aic.ca](http://www.aic.ca)

Canadian Society of Agronomy - [www.agronomycanada.com](http://www.agronomycanada.com)

Information adapted from mcgill.ca, ualberta.ca, rdc.ab.ca, and www.uleth.ca/fas/agri